

INTERNATIONAL SEARCH REPORT

Int'l Application No.

PCT/EP 02/04170

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C11D17/00 C11D1/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 27064 A (PROCTER & GAMBLE) 3 June 1999 (1999-06-03) page 1, line 14 -page 2, line 22; claims 1,9-11 ---	1-11
X	WO 99 24550 A (PROCTER & GAMBLE (US)) 20 May 1999 (1999-05-20) page 6, paragraph 1 page 9, line 4 - line 16; claims 1,3,4,14 ---	1-11
X	WO 99 24547 A (PROCTER & GAMBLE (US)) 20 May 1999 (1999-05-20) page 1, line 25 - line 26 page 6, line 24 -page 10, line 27 page 12, line 5 -page 15, line 2 page 23, line 11 - line 21 page 32, line 15 -page 33, line 30 --- -/-	1-11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

2 August 2002

Date of mailing of the International search report

12/08/2002

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PCT/EP 02/04170

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 24549 A (PROCTER & GAMBLE (US)) 20 May 1999 (1999-05-20) page 1, line 16 - line 28 page 2, line 10 - line 12 page 7, line 10 -page 11, line 15 claims 1,9,10	1-5
P,X	WO 02 06438 A (PROCTER & GAMBLE (U)) 24 January 2002 (2002-01-24) claims 1,6,13	1
A	WO 94 05758 A (PROCTER & GAMBLE) 17 March 1994 (1994-03-17) page 2, paragraph 6 -page 3, paragraph 1 page 4, paragraph 5 -page 5, paragraph 1; claim 1	1
A	WO 95 20027 A (PROCTER & GAMBLE) 27 July 1995 (1995-07-27) claim 1	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 02/04170

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9927064	A	03-06-1999	BR 9815064 A	20-11-2001
			CA 2311503 A1	03-06-1999
			EP 1034247 A1	13-09-2000
			JP 2001524590 T	04-12-2001
			WO 9927064 A1	03-06-1999
			US 6391845 B1	21-05-2002
WO 9924550	A	20-05-1999	BR 9813201 A	29-08-2000
			BR 9814021 A	26-09-2000
			BR 9814022 A	26-09-2000
			CA 2309251 A1	20-05-1999
			CA 2309252 A1	20-05-1999
			CA 2309614 A1	20-05-1999
			EP 1032642 A1	06-09-2000
			EP 1032643 A1	06-09-2000
			EP 1032644 A1	06-09-2000
			JP 2001522933 T	20-11-2001
			JP 2001522934 T	20-11-2001
			JP 2001524552 T	04-12-2001
			WO 9924547 A1	20-05-1999
			WO 9924548 A1	20-05-1999
			WO 9924549 A1	20-05-1999
			WO 9924550 A1	20-05-1999
			US 6274538 B1	14-08-2001
			US 6413928 B1	02-07-2002
WO 9924547	A	20-05-1999	GB 2331994 A	09-06-1999
			EP 1113071 A2	04-07-2001
			WO 9924547 A1	20-05-1999
			US 6274538 B1	14-08-2001
			AT 205874 T	15-10-2001
			DE 69801735 D1	25-10-2001
			DE 69801735 T2	04-07-2002
			DK 922756 T3	27-12-2001
			EP 0922756 A1	16-06-1999
			ES 2160379 T3	01-11-2001
			PT 922756 T	28-02-2002
			BR 9813201 A	29-08-2000
			BR 9814021 A	26-09-2000
			BR 9814022 A	26-09-2000
			CA 2309251 A1	20-05-1999
			CA 2309252 A1	20-05-1999
			CA 2309614 A1	20-05-1999
			EP 1032642 A1	06-09-2000
			EP 1032643 A1	06-09-2000
			EP 1032644 A1	06-09-2000
			JP 2001522933 T	20-11-2001
			JP 2001522934 T	20-11-2001
			JP 2001524552 T	04-12-2001
			WO 9924548 A1	20-05-1999
			WO 9924549 A1	20-05-1999
			WO 9924550 A1	20-05-1999
			US 6413928 B1	02-07-2002
WO 9924549	A	20-05-1999	BR 9813201 A	29-08-2000
			BR 9814021 A	26-09-2000
			BR 9814022 A	26-09-2000
			CA 2309251 A1	20-05-1999

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Application No.

PCT/EP 02/04170

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9924549	A	CA 2309252 A1	20-05-1999
		CA 2309614 A1	20-05-1999
		EP 1032642 A1	06-09-2000
		EP 1032643 A1	06-09-2000
		EP 1032644 A1	06-09-2000
		JP 2001522933 T	20-11-2001
		JP 2001522934 T	20-11-2001
		JP 2001524552 T	04-12-2001
		WO 9924547 A1	20-05-1999
		WO 9924548 A1	20-05-1999
		WO 9924549 A1	20-05-1999
		WO 9924550 A1	20-05-1999
		US 6274538 B1	14-08-2001
		US 6413928 B1	02-07-2002
WO 0206438	A	24-01-2002	
		WO 0208370 A2	31-01-2002
		WO 0208371 A2	31-01-2002
		AU 8060601 A	30-01-2002
		WO 0206438 A1	24-01-2002
		WO 0242408 A2	30-05-2002
		WO 0242400 A2	30-05-2002
		AU 1807601 A	27-08-2001
		AU 2287301 A	05-02-2002
		AU 2287401 A	05-02-2002
		AU 2287501 A	05-02-2002
		AU 2287601 A	05-02-2002
		AU 2449401 A	05-02-2002
		AU 3824001 A	27-08-2001
		AU 8060501 A	30-01-2002
		AU 8060701 A	30-01-2002
		WO 0160966 A1	23-08-2001
		WO 0208374 A1	31-01-2002
		WO 0208373 A1	31-01-2002
		WO 0208375 A1	31-01-2002
		WO 0208376 A1	31-01-2002
		WO 0208509 A1	31-01-2002
		WO 0161099 A1	23-08-2001
		WO 0206436 A1	24-01-2002
		WO 0206437 A1	24-01-2002
		US 2002084285 A1	04-07-2002
		US 2002035051 A1	21-03-2002
		US 2002037817 A1	28-03-2002
		US 2002039982 A1	04-04-2002
		US 2002037822 A1	28-03-2002
WO 9405758	A	17-03-1994	
		CA 2143330 A1	17-03-1994
		CN 1086842 A	18-05-1994
		CZ 9500538 A3	15-11-1995
		EP 0658188 A1	21-06-1995
		JP 8500630 T	23-01-1996
		MX 9305316 A1	31-01-1995
		TR 27708 A	22-06-1995
		WO 9405758 A1	17-03-1994
WO 9520027	A	27-07-1995	
		AT 178934 T	15-04-1999
		DE 69509068 D1	20-05-1999
		DE 69509068 T2	18-11-1999

INTERNATIONAL SEARCH REPORT

information on patent family members

Int'l Application No

PCT/EP 02/04170

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9520027	A	EP 0741772 A1	13-11-1996
		ES 2132631 T3	16-08-1999
		JP 9508166 T	19-08-1997
		WO 9520027 A1	27-07-1995
		US 5698505 A	16-12-1997